

IN THE CLAIMS:

Kindly replace the claims of record with the following full set of claims:

1. (Currently amended) Station comprising a rake receiver with a finger, which finger comprises a Hadamard transformer, wherein the station is a high speed downlink packet access station in a universal mobile telecommunication system, with a number of de-channelization codes used being at least ten percent of a despreading factor used.
2. (Previously presented) Station as defined in claim 1, wherein the finger comprise a descrambling section and a despreading section, which despreading section comprise the Hadamard transformer.
3. (Previously presented) Station as defined in claim 2, wherein the descrambling section comprises a multiplier for multiplying a finger input signal with a complex conjugated scrambling code for descrambling the finger input signal, and wherein the despreading section further comprise a serial-to-parallel converter to serial-to-parallel converting a descrambled signal, which serial -to-parallel converter comprises downsamplers coupled to inputs of the Hadamard transformer and comprises a selector for generating despreading symbols per channel, which selector is coupled to outputs of the Hadamard transformer.

4. (Previously presented) Station as defined in claim 3, wherein the rake receiver further comprises:

a further finger;

a delaying section for delaying a frequency converted signal and for generating the finger signal destined for the finger and a further finger signal destined for the further finger; and

a synchronization section for receiving the frequency converted signal and for in response controlling the delaying section.

5. (Cancelled)

6. (Currently amended) Station as defined in claim [[5]] 6, wherein the spreading factor used is equal to sixteen, with the maximum possible number of de-channelization codes used being equal to five, ten or fifteen.

7. (Currently amended) Rake receiver for use in a station comprising a finger which finger comprises a Hadamard transformer, wherein the station is a high speed downlink packet access station in a universal mobile telecommunication system, with a number of de-channelization codes used being at least ten percent of a spreading factor used.

8. (Currently amended) Finger for use in a rake receiver, in a high-speed downlink packet access station with a known number of de-channelization codes, which finger comprises

a descrambling section and a disspreading section, said disspreading section providing an output to a Hadamard transformer, wherein transforming step, the number of de-channelization codes used being at least ten percent of a disspreading factor used.

9. (Cancelled)

10. (Cancelled)